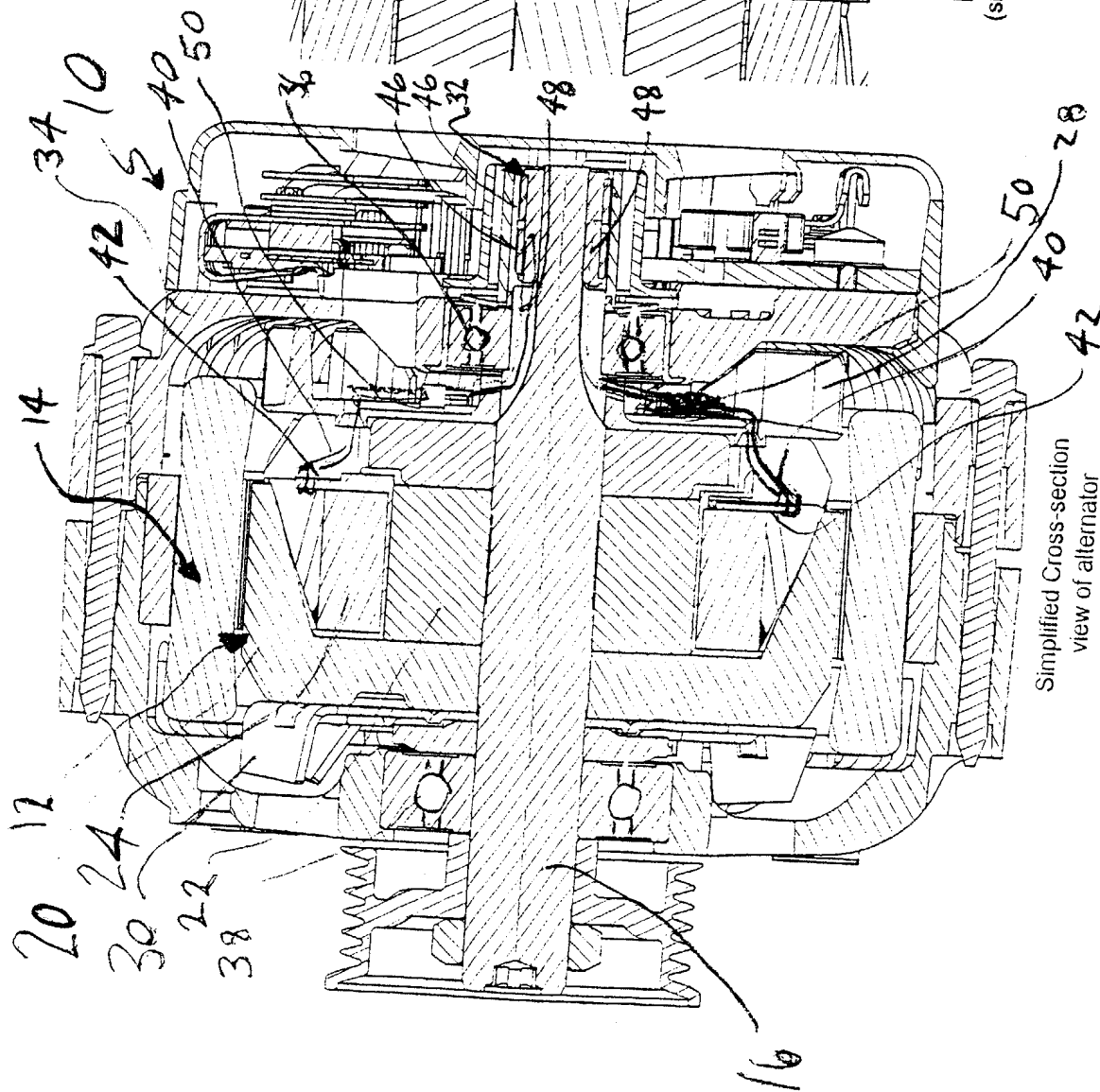
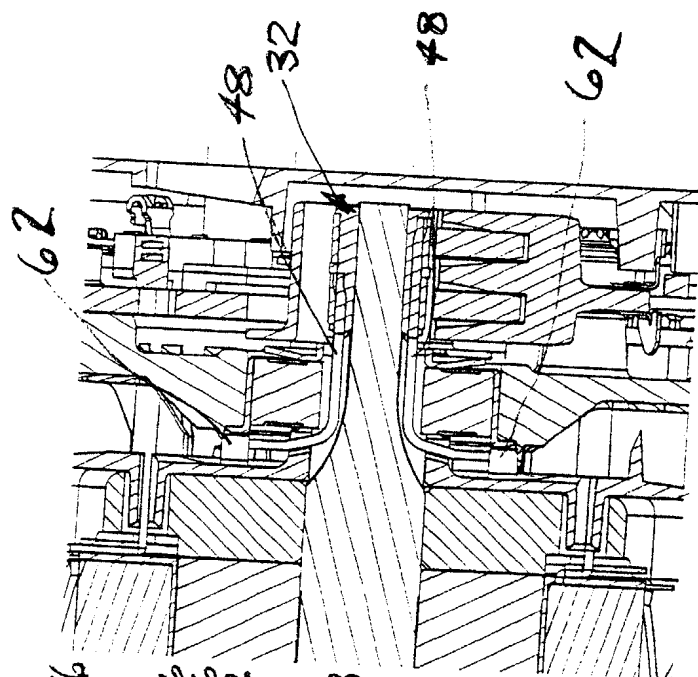


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Simplified Cross-section
view of alternator

Figure 1



Cross-section view of
Rear components of alternator
(showing Slip Ring and coil wires)

Figure 16

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Alternator Rotor Cross Section
(Please note that the Coil and Slip Ring wires are not shown in the twisted and welded condition)

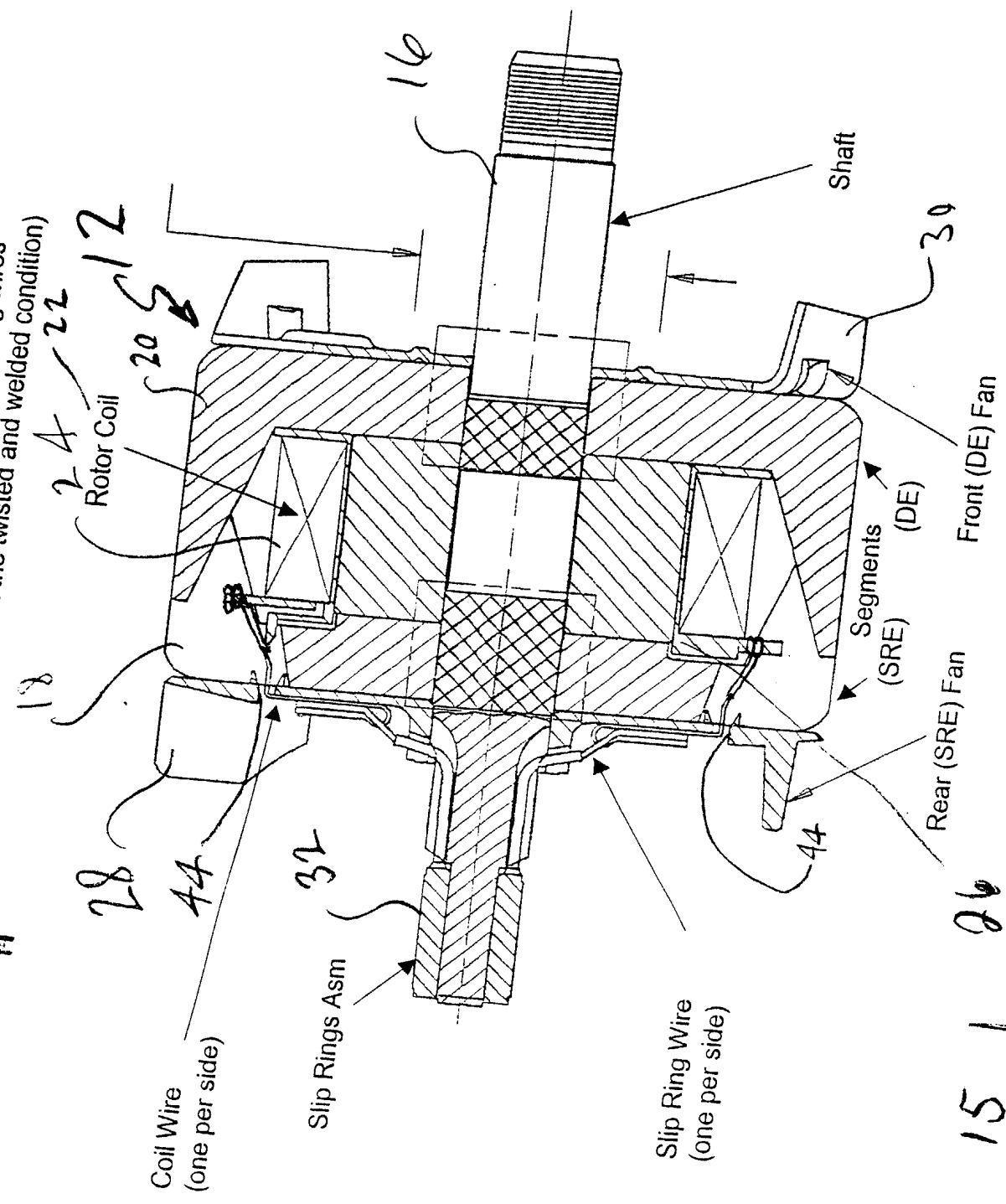
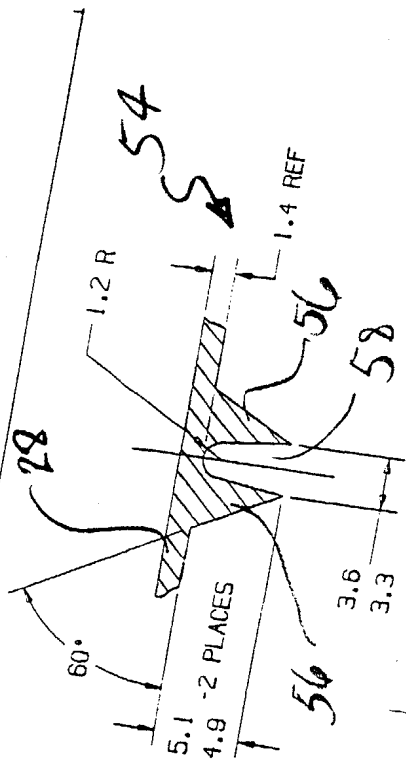


Figure 2

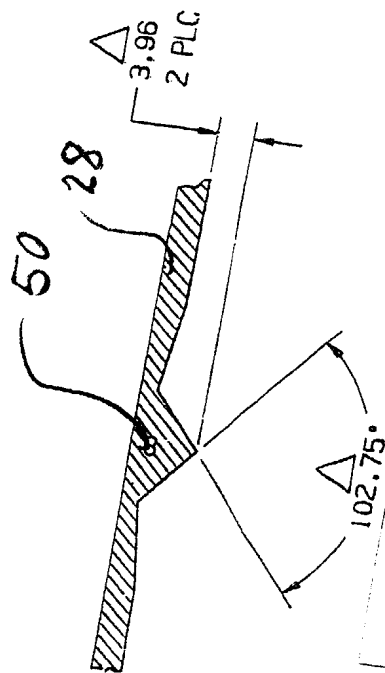
Ultrasonically Welded Wire Retention Area for New Rotor



SRE (Rear) Fan
Before U-S operation to hold
wires on new rotor

Figure 3

Alternator Front
for both views



SRE (Rear) Fan
After U-S operation to hold
wires on new rotor

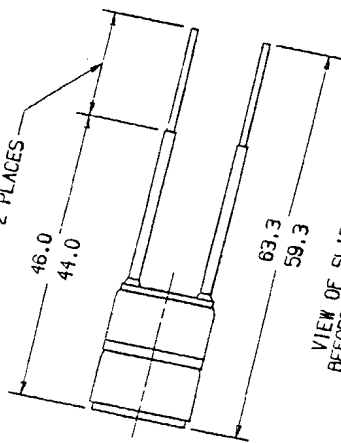
Figure 4

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TECHNICAL DRAWING

Alternator Slip Rings

STRIP LEAD FOR DISTANCE SHOWN - 2 PLACES



VIEW OF SLIP RING
BEFORE FORMING LEADS

Figure 5

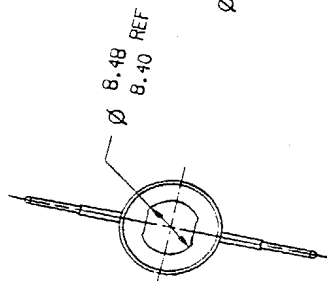


Figure 7

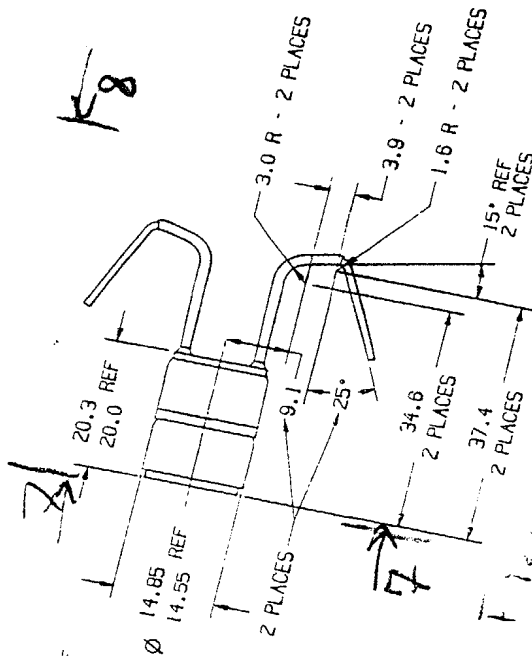


Figure 6

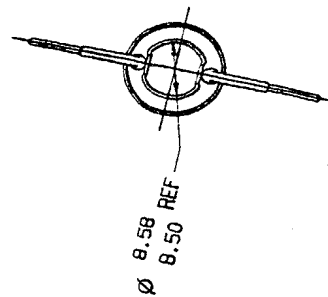


Figure 8

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Alternator Rotor Repair Cap

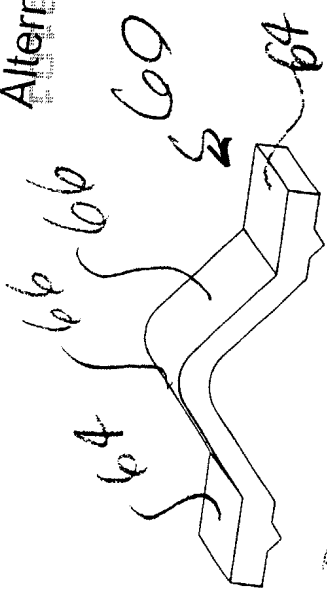


Figure 12

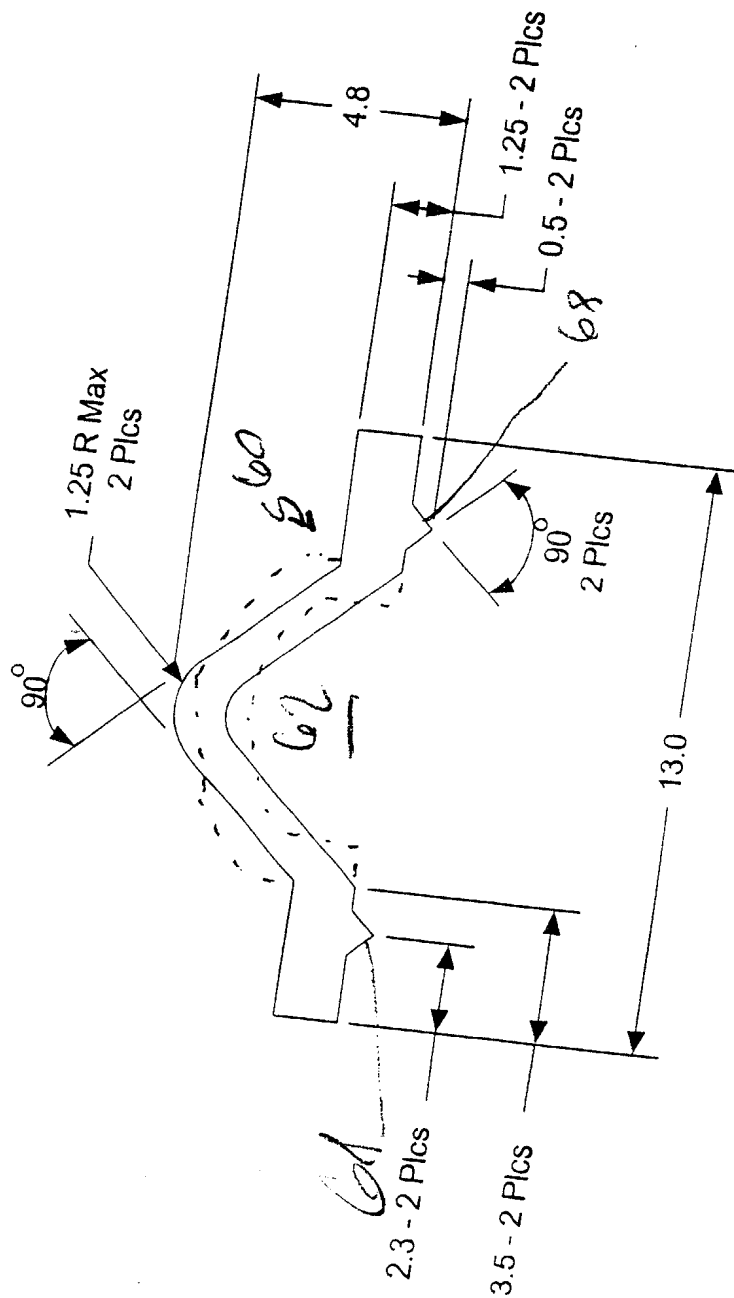


Figure 13

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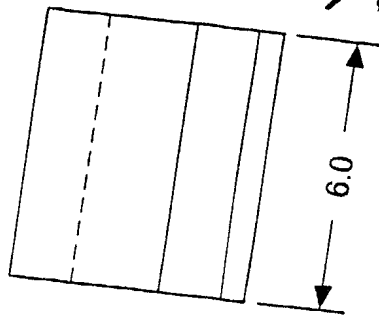
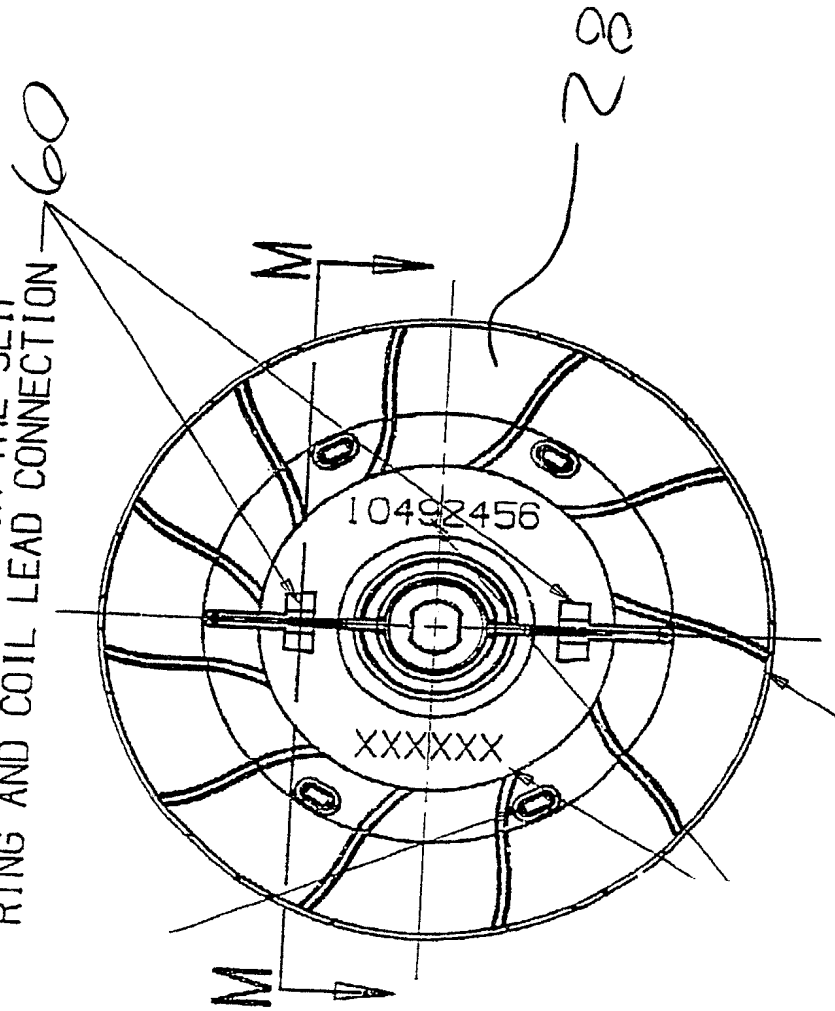


Figure 14

View of New Rotor 60
from rear

ULTRASONIC WELD - 2 PLACES
MATERIAL ON FAN SHOULD FLOW
TOGETHER TO LOCK IN THE SLIP
RING AND COIL LEAD CONNECTION



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Figure 15

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Figure 17

